

Refine Search

Search Results -

Terms	Documents
L31 and micelle\$ near10 polymeriz\$	6

Database:

- US Pre-Grant Publication Full-Text Database
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- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L32

Refine Search

Recall Text

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Search History

DATE: Sunday, September 18, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L32</u>	l31 and micelle\$ near10 polymeriz\$	6	<u>L32</u>
<u>L31</u>	L30 and (nucleic near acid\$ or polynucleotide\$ or DNA)	35	<u>L31</u>
<u>L30</u>	reverse near micelle\$ and polymeriz\$ and disulfide	52	<u>L30</u>
<u>L29</u>	L27 and polymeriz\$	18	<u>L29</u>
<u>L28</u>	L27 and polymer\$	25	<u>L28</u>
<u>L27</u>	succinic near anhydride and reverse near micelle\$	27	<u>L27</u>
<u>L26</u>	l7 and amphipathic	2	<u>L26</u>
<u>L25</u>	l7 and plurality	0	<u>L25</u>
<u>L24</u>	L1 and (neutral or anionic)	1	<u>L24</u>
<u>L23</u>	L21 and polymeriz\$	0	<u>L23</u>
<u>L22</u>	L21 and polymer\$	2	<u>L22</u>
<u>L21</u>	20020035082	2	<u>L21</u>
<u>L20</u>	L7 and compact\$	2	<u>L20</u>
<u>L19</u>	L1 and tail\$ near5 head\$	1	<u>L19</u>

<u>L18</u>	L7 and polymerization	1	<u>L18</u>
<u>L17</u>	L7 and polymer\$	1	<u>L17</u>
<u>L16</u>	L1 and labile	1	<u>L16</u>
<u>L15</u>	L11 and labile	1	<u>L15</u>
<u>L14</u>	L1 and disulfide	1	<u>L14</u>
<u>L13</u>	L1 and sisulfide	0	<u>L13</u>
<u>L12</u>	L7 and insert\$	2	<u>L12</u>
<u>L11</u>	L7 and silicon	1	<u>L11</u>
<u>L10</u>	l7 and sili\$	1	<u>L10</u>
<u>L9</u>	L7 and biologic\$ near3 labil\$ near10 sili\$	0	<u>L9</u>
<u>L8</u>	L7 and biologic\$ near3 labil\$	1	<u>L8</u>
<u>L7</u>	6673612 [pn]	2	<u>L7</u>
<u>L6</u>	biolog\$ near5 labile near10 silane\$	1	<u>L6</u>
<u>L5</u>	biolog\$ near5 labile near5 silane\$	0	<u>L5</u>
<u>L4</u>	L1 and silane	1	<u>L4</u>
<u>L3</u>	L1 and cell\$	1	<u>L3</u>
<u>L2</u>	L1 and cell\$ near10 (deliver\$ or contact\$)	1	<u>L2</u>
<u>L1</u>	6884842 [pn]	2	<u>L1</u>

END OF SEARCH HISTORY



Day : Sunday
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Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
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Last Name

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First Name

wolff

jon

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Day : Sunday
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Inventor Name Search

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Last Name

First Name

hagstrom

james

Search

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*** ANNOUNCEMENT ***

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***Computer and Information Systems Abstracts (File 56)
 ***Electronics and Communicationss Abstracts (File 57)
 ***Solid State and Superconductivity Abstracts (File 68)
 ***ANTE: Abstracts in New Technologies (File 60)
 ***Civil Engineering Abstracts (File 61)
 ***Aluminium Industry Abstracts (File 33)
 ***Ceramic Abstracts/World Ceramic Abstracts (File 335)
 ***CSA Life Sciences Abstracts (File 24)
 ***Corrosion Abstracts (File 46)
 ***Materials Business File (File 269)
 ***Engineered Materials Abstracts (File 293)
 ***CSA Aerospace & High Technology Database (File 108)
 ***CSA Technology Research Database (File 23)
 ***METADEX(r) (File 32)
 ***FDAnews (File 182)
 ***German Patents Fulltext (File 324) ***
 RESUMED UPDATING
 ***Canadian Business and Current Affairs (262)
 ***CorpTech (559)

Chemical Structure Searching now available in Proux Science Drugs
 of the Future (F453), IMS R&D Focus (F445), Beilstein Facts (F390),
 and Derwent Chemistry Resource (F355).

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
 >>> of new databases, price changes, etc. <<<

* * *

File 1:ERIC 1966-2004/Jul 21
 (c) format only 2004 Dialog
 *File 1: Updates suspended by ERIC until
 Q3, 2005

Set Items Description
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Cost is in DialUnits
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BEGIN 5,6,55,154,155,156,312,399,BIOTECH,BIOSCI
 >>> 135 is unauthorized
 >>> 44 is unauthorized
 >>> 76 is unauthorized
 >>>3 of the specified files are not available
 18sep05 13:38:35 User208738 Session D1088.1
 \$0.81 0.230 DialUnits File1
 \$0.81 Estimated cost File1
 \$0.11 INTERNET
 \$0.92 Estimated cost this search
 \$0.92 Estimated total session cost 0.230 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2005/Sep W2
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File 6:NTIS 1964-2005/Sep W1
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File 154:MEDLINE(R) 1990-2005/Sep 19
(c) format only 2005 Dialog

File 155:MEDLINE(R) 1951-2005/Sep 19
(c) format only 2005 Dialog

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(c) 1997 American Chemical Society

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File 399:CA SEARCH(R) 1967-2005/UD=14312
(c) 2005 American Chemical Society

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File 8:Ei Compendex(R) 1970-2005/Sep W1
(c) 2005 Elsevier Eng. Info. Inc.

File 24:CSA Life Sciences Abstracts 1966-2005/Aug
(c) 2005 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Sep W2
(c) 2005 Inst for Sci Info

File 65:Inside Conferences 1993-2005/Sep W2
(c) 2005 BLDSC all rts. reserv.

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(c) 2005 Elsevier Science B.V.

File 73:EMBASE 1974-2005/Sep 16
(c) 2005 Elsevier Science B.V.

File 94:JICST-EPlus 1985-2005/Jul W4
(c) 2005 Japan Science and Tech Corp(JST)

File 98:General Sci Abs/Full-Text 1984-2004/Dec
(c) 2005 The HW Wilson Co.

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
(c) 2005 The HW Wilson Co.

File 136:BioEngineering Abstracts-1966-2005/Aug (c) 2005 CSA.

File 143:Biol. & Agric. Index 1983-2005/Jul
(c) 2005 The HW Wilson Co

File 144:Pascal 1973-2005/Sep W1
(c) 2005 INIST/CNRS

File 172:EMBASE Alert 2005/Sep 16
(c) 2005 Elsevier Science B.V.

File 266:FEDRIP 2005/Jun
Comp & dist by NTIS, Intl Copyright All Rights Res

File 315:ChemEng & Biotec Abs 1970-2005/Aug
(c) 2005 DECHEMA

File 357:Derwent Biotech Res. 1982-2005/Sep W3
(c) 2005 Thomson Derwent & ISI

File 358:Current BioTech Abs 1983-2005/Aug
(c) 2005 DECHEMA

File 369:New Scientist 1994-2005/Jun W3
(c) 2005 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS

***File 370: This file is closed (no updates). Use File 47 for more current information.**

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 28:Oceanic Abstracts 1966-2005/Aug
 (c) 2005 CSA.
 File 35:Dissertation Abs Online 1861-2005/Aug
 (c) 2005 ProQuest Info&Learning
 File 40:Enviroline(R) 1975-2005/Jul
 File 41:Pollution Abstracts 1966-2005/Aug
 (c) 2005 CSA.
 File 50:CAB Abstracts 1972-2005/Aug
 (c) 2005 CAB International
 File 91:MANTIS(TM) 1880-2005/Jun
 2001 (c) Action Potential
 File 110:WasteInfo 1974-2002/Jul
 (c) 2002 AEA Techn Env.
***File 110: This file is closed (no updates)**
 File 164:Allied & Complementary Medicine 1984-2005/Sep
 (c) 2005 BLHCIS
 File 185:Zoological Record Online(R) 1978-2005/Sep
 (c) 2005 BIOSIS
 File 391:Beilstein Reactions 2005/Q2
 (c) 2005 Beilstein GmbH
 File 467:ExtraMED(tm) 2000/Dec
 (c) 2001 Informania Ltd.
***File 467: F467 no longer updates; see Help News467.**

7.

Set	Items	Description
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?

S REVERSE (N) MICELLE? AND POLYMERIZ?
 1540362 REVERSE
 192013 MICELLE?
 16612 REVERSE(N)MICELLE?
 818469 POLYMERIZ?
 S1 453 REVERSE (N) MICELLE? AND POLYMERIZ?

?

S S1 AND (SILICON OR SILANE?)
 453 S1
 1573368 SILICON
 424995 SILANE?
 S2 23 S1 AND (SILICON OR SILANE?)

?

RD S2

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S3 19 RD S2 (unique items)

?

S S3 NOT PY>1999

Processing

Processed 10 of 39 files ...

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

Completed processing all files

19 S3

38971320 PY>1999
S4 12 S3 NOT PY>1999

?

S S3 NOT PY>2002

>>>One or more prefixes are unsupported
>>> or undefined in one or more files.

19 S3
18270792 PY>2002
S5 16 S3 NOT PY>2002

?

RD S5

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
...completed examining records

S6 16 RD S5 (unique items)

?

Display 6/3/1 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2005 Dialog. All rts. reserv.

13560850 PMID: 11114662

Enzyme immobilization in silica-hardened organogels.

Schuleit M; Luisi P L

Swiss Federal Institute of Technology Zurich, ETH Zentrum,
Universitatstrasse 6, CH-8092 Zurich, Switzerland.

Biotechnology and bioengineering (UNITED STATES) Jan 20 2001, 72 (2)
p249-53, ISSN 0006-3592 Journal Code: 7502021

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

- end of record -

?

Display 6/3/2 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

139117926 CA: 139(8)117926m **TECHNICAL REPORT**

Characteristic analysis of amphiphilic polymers at surface and in solution

AUTHOR(S): Yamaoka, H.; Matsuoka, H.; Matsumoto, K.

LOCATION: Dept. of Polymer Chemistry, Grad. School of Eng., Kyoto Univ.,
Japan,

JOURNAL: KURRI-KR (KURRI-KR) DATE: 2002 NUMBER: KURRI-KR-81, Advanced
Research of Quantum Beam Science (IV) PAGES: 49-68 CODEN: KURRBF ISSN:
1342-0852 LANGUAGE: Japanese

- end of record -

?

Display 6/3/3 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

02775307 E.I. Monthly No: EI8908077669

Title: Macrolux '88 conference.

Author: Anon (Ed.)

Conference Title: Papers presented at the Macrolux 88 Conference

Conference Location: Luxembourg Conference Date: 19880406

E.I. Conference No.: 12211

Source: British Polymer Journal v 21 n 2 1989. Publ by Elsevier Applied Science Publ Ltd, Barking, Engl. 97-179

Publication Year: 1989

CODEN: BPOJAB ISSN: 0007-1641

Language: English

- end of record -

?

Display 6/3/4 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

04896053 Genuine Article#: UQ172 No. References: 384

Title: REACTION-KINETICS IN MICRODISPERSE SYSTEMS

Author(s): BARZYKIN AV; TACHIYA M

Corporate Source: NATL INST MAT & CHEM RES/TSUKUBA/IBARAKI 305/JAPAN/; UNIV TSUKUBA/TSUKUBA/IBARAKI 305/JAPAN/

Journal: HETEROGENEOUS CHEMISTRY REVIEWS, 1996, V3, N2 (JUN), P105-167

ISSN: 1068-6983

Language: ENGLISH Document Type: REVIEW (Abstract Available)

- end of record -

?

Display 6/3/5 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

04116772 Genuine Article#: RF627 No. References: 33

Title: SOL-GEL PROCESSING OF TITANIA USING REVERSE MICELLAR SYSTEMS AS REACTION MEDIA

Author(s): PERESDURAND S; ROUVIERE J; GUIZARD C

Corporate Source: UNIV MONTPELLIER 2,MAT & PROC MEMBRANAIRES LAB,CNRS,UMR 9987,2 PL EUGENE BATAILLON/F-34095 MONTPELLIER 05//FRANCE/; UNIV MONTPELLIER 2,MAT & PROC MEMBRANAIRES LAB,CNRS,UMR 9987/F-34095 MONTPELLIER 05//FRANCE/

Journal: COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, 1995, V98, N3 (MAY 22), P251-270

ISSN: 0927-7757

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/3/6 (Item 3 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

04034159 Genuine Article#: RA487 No. References: 42

Title: ORGANIC-SYNTHESIS IN CLAY NANOSPACES

Author(s): ONAKA M

Corporate Source: NAGOYA UNIV,FAC ENGN,DEPT APPL CHEM,CHIKUSA

KU/NAGOYA/AICHI 464/JAPAN/

Journal: JOURNAL OF SYNTHETIC ORGANIC CHEMISTRY JAPAN, 1995, V53, N5 (MAY)
, P392-402

ISSN: 0037-9980

Language: JAPANESE Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/3/7 (Item 4 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

03736837 Genuine Article#: QB676 No. References: 22

Title: **SILICA-GELS MADE BY BICONTINUOUS MICROEMULSION POLYMERIZATION**

Author(s): BURBAN JH; HE MT; CUSSLER EL

Corporate Source: UNIV MINNESOTA, DEPT CHEM ENGN & MAT

SCI/MINNEAPOLIS//MN/55455; UNIV MINNESOTA, DEPT CHEM ENGN & MAT

SCI/MINNEAPOLIS//MN/55455

Journal: AICHE JOURNAL, 1995, V41, N1 (JAN), P159-165

ISSN: 0001-1541

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

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Display 6/3/8 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

03095398 Genuine Article#: MZ992 No. References: 41

Title: **METHACRYLATE-BASED BLOCK IONOMERS .1. SYNTHESIS OF BLOCK IONOMERS
DERIVED FROM T-BUTYL METHACRYLATE AND ALKYL METHACRYLATES**

Author(s): DEPORTER CD; LONG TE; MCGRATH JE

Corporate Source: VIRGINIA POLYTECH INST & STATE UNIV, DEPT

CHEM/BLACKSBURG//VA/24061; VIRGINIA POLYTECH INST & STATE UNIV, DEPT

CHEM/BLACKSBURG//VA/24061; VIRGINIA POLYTECH INST & STATE UNIV, NATL SCI

FDN, CTR SCI & TECHNOL/BLACKSBURG//VA/24061

Journal: POLYMER INTERNATIONAL, 1994, V33, N2 (FEB), P205-216

ISSN: 0959-8103

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/3/9 (Item 6 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

03037272 Genuine Article#: MY338 No. References: 73

Title: **CHAIN DYNAMICS IN CORONAS OF IONOMER AGGREGATES**

Author(s): GAO ZS; ZHONG XF; EISENBERG A

Corporate Source: MCGILL UNIV, DEPT CHEM, 801 SHERBROOKE ST W/MONTREAL H3A

2K6/PQ/CANADA/; MCGILL UNIV, DEPT CHEM/MONTREAL H3A 2K6/PQ/CANADA/

Journal: MACROMOLECULES, 1994, V27, N3 (JAN 31), P794-802

ISSN: 0024-9297

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/3/10 (Item 7 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

03003049 Genuine Article#: MX287 No. References: 81

**Title: DIBLOCK, ABC TRIBLOCK, AND RANDOM METHACRYLIC POLYAMPHOLYTES -
SYNTHESIS BY GROUP-TRANSFER POLYMERIZATION AND SOLUTION BEHAVIOR**

Author(s): PATRICKIOS CS; HERTLER WR; ABBOTT NL; HATTON TA

Corporate Source: DUPONT CO INC,CENT RES & DEV,EXPTL

STN/WILMINGTON//DE/19880; DUPONT CO INC,CENT RES & DEV,EXPTL

STN/WILMINGTON//DE/19880; MIT,DEPT CHEM ENGN/CAMBRIDGE//MA/02139;

HARVARD UNIV,DEPT CHEM/CAMBRIDGE//MA/02138

Journal: MACROMOLECULES, 1994, V27, N4 (FEB 14), P930-937

ISSN: 0024-9297

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/11 (Item 8 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

01737074 Genuine Article#: HX033 No. References: 20

**Title: SYNTHESIS OF 3-ARM POLY(STYRENE-ARM-STYRENE-ARM-2-VINYLPYRIDINE)
STAR COPOLYMERS**

Author(s): KHAN IM; GAO ZH; KHOUGAZ K; EISENBERG A

Corporate Source: CLARK ATLANTA UNIV,DEPT CHEM/ATLANTA//GA/30314; DEPT
CHEM/MONTREAL H3A 2K6/QUEBEC/CANADA/

Journal: MACROMOLECULES, 1992, V25, N11 (MAY 25), P3002-3004

Language: ENGLISH Document Type: LETTER

- end of record -

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Display 6/3/12 (Item 9 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

00535509 Genuine Article#: DZ775 No. References: 26

**Title: EFFECTIVE IMMOBILIZATION OF PROTEIN LINKED WITH POLYETHYLENE-GLYCOL
ON SILICA VIA HYDROGELS USING SILICA SOL**

Author(s): YOSHINAGA K; KITO T; YAMAYE M

Corporate Source: KYUSHU INST TECHNOL,DEPT CHEM,TOBATA KU/KITAKYUSHU

804//JAPAN//; KYUSHU KYORITSU UNIV,FAC ENGN,YAHATANISHI KU/KITAKYUSHU

807//JAPAN/

Journal: JOURNAL OF APPLIED POLYMER SCIENCE, 1990, V41, N7-8, P1443-1450

Language: ENGLISH Document Type: ARTICLE

- end of record -

?

Display 6/3/13 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE
(c) 2005 Elsevier Science B.V. All rts. reserv.

11893540 EMBASE No: 2003002503

Recent developments in materials synthesis in surfactant systems

John V.T.; Simmons B.; McPherson G.L.; Bose A.

V.T. John, Department of Chemical Engineering, Tulane University, New Orleans, LA 70118 United States
AUTHOR EMAIL: vijay.john@tulane.edu
Current Opinion in Colloid and Interface Science (CURR. OPIN. COLLOID INTERFACE SCI.) (United Kingdom) 2002, 7/5-6 (288-295)
CODEN: COCSF ISSN: 1359-0294
PUBLISHER ITEM IDENTIFIER: S1359029402000705
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 53

- end of record -

?

Display 6/9/13 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2005 Elsevier Science B.V. All rts. reserv.

11893540 EMBASE No: 2003002503

Recent developments in materials synthesis in surfactant systems

John V.T.; Simmons B.; McPherson G.L.; Bose A.

V.T. John, Department of Chemical Engineering, Tulane University, New Orleans, LA 70118 United States

AUTHOR EMAIL: vijay.john@tulane.edu

Current Opinion in Colloid and Interface Science (CURR. OPIN. COLLOID INTERFACE SCI.) (United Kingdom) 2002, 7/5-6 (288-295)

CODEN: COCSF ISSN: 1359-0294

PUBLISHER ITEM IDENTIFIER: S1359029402000705

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 53

The paper reviews the use of surfactant self-assembly to template the

-more-

?

Display 6/9/13 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
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synthesis of polymers, ceramics with extended structures, and nanoparticles. The objective of the review is to highlight newer concepts linking self-assembly to materials nanostructure and to the realization of functional materials. (c) 2002 Elsevier Science Ltd. All rights reserved.

DRUG DESCRIPTORS:

*surfactant

polymer; silicon dioxide; cationic surfactant; oxide; monomer; latex; aniline; anionic surfactant

MEDICAL DESCRIPTORS:

*materials; *biosynthesis

ceramics; phase transition; material state; architecture; polymerization; correlation analysis; microemulsion; crystallization; emulsion; morphology; hydrogel; nanoparticle; anisotropy; geometry; reverse micelle; hydrophobicity; hydrophilicity; atomic force microscopy; physical chemistry ; review

-more-

?

Display 6/9/13 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2005 Elsevier Science B.V. All rts. reserv.

CAS REGISTRY NO.: 10279-57-9, 14464-46-1, 14808-60-7, 15468-32-3,
60676-86-0, 7631-86-9 (silicon dioxide); 16833-27-5 (oxide); 142-04-1,
62-53-3 (aniline)

SECTION HEADINGS:

029 Clinical and Experimental Biochemistry

- end of record -

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Display 6/3/14 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2005 Elsevier Science B.V. All rts. reserv.

07821160 EMBASE No: 1999293647

**Synthesis of nanosize silica in a nonionic water-in-oil microemulsion:
Effects of the water/surfactant molar ratio and ammonia concentration**

Arriagada F.J.; Osseo-Asare K.

K. Osseo-Asare, Dept. of Materials Sci./Engineering, Pennsylvania State
University, University Park, PA 16802 United States

Journal of Colloid and Interface Science (J. COLLOID INTERFACE SCI.) (United States) 15 MAR 1999, 211/2 (210-220)

CODEN: JCISA ISSN: 0021-9797

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 63

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Display 6/3/15 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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04893273 JICST ACCESSION NUMBER: 01A0551760 FILE SEGMENT: JICST-E

**Development of Processing Technology for Semiconductor Nanoparticles Formed
in Reverse Micellar Systems and Preparation of Photo-Functional
Materials.**

HIRAI TAKAYUKI (1); KOMASAWA ISAO (1)

(1) Osaka Univ. Graduate School of Engineering Sci., JPN

Kagaku Kogaku Ronbunshu, 2001, VOL.27,NO.3, PAGE.291-302, FIG.26, REF.44

JOURNAL NUMBER: S0110BAP ISSN NO: 0386-216X CODEN: KKRBA

UNIVERSAL DECIMAL CLASSIFICATION: 66.097 544.478.05

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

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Display 6/3/16 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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04479850 JICST ACCESSION NUMBER: 00A0047775 FILE SEGMENT: JICST-E

**Novel Silicon-containing Amphiphilic Polymers: Synthesis and Creation of
Polymeric Nanostructures.**

YAMAOKA HITOSHI (1); MATSUMOTO KOZO (1)
(1) Kyoto Univ., Grad. Sch.
Shinkobunshi Nano Soshikитай. Heisei 10 Nendo Kenkyu Seika Hokokusho oyobi
Kenkyu Happyo Risuto, 1999, PAGE.61-64, FIG.2, TBL.1, REF.2
JOURNAL NUMBER: N199932310
UNIVERSAL DECIMAL CLASSIFICATION: 542.952.6CO
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

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04479850 JICST ACCESSION NUMBER: 00A0047775 FILE SEGMENT: JICST-E
**Novel Silicon-containing Amphiphilic Polymers: Synthesis and Creation of
Polymeric Nanostructures.**
YAMAOKA HITOSHI (1); MATSUMOTO KOZO (1)
(1) Kyoto Univ., Grad. Sch.
Shinkobunshi Nano Soshikитай. Heisei 10 Nendo Kenkyu Seika Hokokusho oyobi
Kenkyu Happyo Risuto, 1999, PAGE.61-64, FIG.2, TBL.1, REF.2
JOURNAL NUMBER: N199932310
UNIVERSAL DECIMAL CLASSIFICATION: 542.952.6CO
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication
DESCRIPTORS: polycarbosilane; polyhydroxyethyl methacrylate; diblock
copolymer; amphiphilic polymer; living anion polymerization;

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Display 6/9/16 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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ring-opening polymerization; block copolymerization; polymer reaction;
hydrolysis; deprotection; solubility(property); micelle formation;
core-shell emulsion; microsphere; film thickness; pressure dependence;
small angle X-ray scattering; reverse micelle; X-ray reflection;
monomolecular layer; aromatic compound; organolithium compound
IDENTIFIERS: monomolecular film
BROADER DESCRIPTORS: hetero-atom containing polymer; polymer;
polymethacrylate; acrylic resin; thermoplastic; plastic; block
copolymer; copolymer; functional polymer; macromolecule; anionic
polymerization; ionic polymerization; polymerization; chemical reaction
; living polymerization; copolymerization; solvolysis; decomposition;
decomposition reaction; elimination reaction; property; composite
emulsion; emulsion; disperse system; sphere; solid(cubic); thickness;
length; geometric quantity; dependence; X-ray scattering;
electromagnetic wave scattering; scattering; small angle scattering;
micelle; electromagnetic wave reflection; reflection; monolayer; layer;

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Display 6/9/16 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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thin film; membrane and film; organometallic compound
CLASSIFICATION CODE(S): CG04030D

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16 S6
137557 LABILE
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2509 LABILE (5N) BOND?
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